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Docket No. 247860US55CONT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

IN RE APPLICATION OF: David J. STUCKY, et al.

SERIAL NO: New U.S. Application

FILED: Herwtih

FOR: FOAMED POLYMER-FIBER COMPOSITE

**INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97**

COMMISSIONER FOR PATENTS  
ALEXANDRIA, VIRGINIA 22313

SIR:

Applicant(s) wish to disclose the following information.

**REFERENCES**

- ☒ The applicant(s) wish to make of record the references listed on the attached form PTO-1449 were mentioned in Parent Application, Serial No. 09/709,527 filed November 3, 2000.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

**RELATED CASES**

- ☐ Attached is a list of applicant's pending application(s) or issued patent(s) which may be related to the present application. A copy of the patent(s), together with a copy of the claims and drawings of the pending application(s) is attached along with PTO 1449.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

**CERTIFICATION**

- ☐ Each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
- ☐ No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

**DEPOSIT ACCOUNT**

- ☒ Please charge any additional fees for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to deposit account number 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND,  
MAIER & NEUSTADT, P.C.



Jean-Paul Lavalleye

Registration No. 31,451

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Daniel J. Pereira, Ph.D.

Registration No. 45,518

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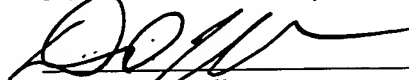
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Form PTO 1449 (Modified)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. 247860US55CONT		SERIAL NO. NEW U.S. APPL.	
LIST OF REFERENCES CITED BY APPLICANT				APPLICANT STUCKY David et al.			
				FILING DATE Herewith		GROUP	
<b>U.S. PATENT DOCUMENTS</b>							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AA	4,491,553	01/01/85	Yamada et al.			
	AB	5,847,016	12/08/98	Cope			
	AC	5,866,264	02/02/99	Zehner et al.			
	AD	2,188,396	01/30/40	Semon			
	AE	2,489,373	11/29/49	Gilman			
	AF	2,519,442	08/22/50	DeLorme et al.			
	AG	2,935,763	05/10/60	Newman et al.			
	AH	3,287,480	11/22/66	Wechsler et al.			
	AI	3,562,373	02/09/71	Logrippo			
	AJ	3,645,939	02/29/72	Gaylord			
	AK	3,864,201	02/04/75	Susuki et al.			
	AL	3,867,493	02/18/75	Seki			
	AM	3,878,143	04/15/75	Baumann et al.			
	AN	3,879,505	04/22/75	Boutillier et al.			
<b>FOREIGN PATENT DOCUMENTS</b>							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES NO		
	AO	3 801 574	08/03/89	Germany			X
	AP	2 365 017	04/14/78	France			X
	AQ	WO 90/08020	07/26/90	WIPO-PCT		X	
	AR	2 036 148	06/25/80	Great Britain		X	
	AS	0 586 211	02/19/97	Europe		X	
	AT	0 586 212	03/09/94	Europe		X	
	AU	0 586 213	03/09/94	Europe		X	
	AV	43 07 323	04/15/94	Germany			X
<b>OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)</b>							
	AW	1994/95 Basics of Design Engineering, <i>Machine Design</i> ; pp. 621-622, June 1994					
	AX	<i>Polymer Engineering and Science</i> , Matuana et al., "Processing and Cell Morphology Relationships for Microcellular Foamed PCV/Wood Fiber Composites," Volume 31, Number 7, July 1997, pages 1137-1147.					
	AY	Laurent Matuana-Malanda, Chul B. Park and John J. Balatinez, "Production of Microcellular Foamed PVC/Wood Fibre Composites: Processing and Cell Morphology Relationship, <i>ANTEC</i> 96, pgs. 1900-1907					
	AZ	L. Matuana-Malanda, C.B. Park and J.J. Balatinez, "Characterization of Microcellular Foamed PVC/Cellulose-Fibre Composites, <i>Journal of Cellular Plastics</i> , Volume 32 - September 1996, pgs. 449-469					
Examiner					Date Considered		
*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

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LIST OF REFERENCES CITED BY APPLICANT				APPLICANT STUCKY David et al.			
				FILING DATE Herewith		GROUP	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE	
	BA	3,922,328	11/25/75	Johnson			
	BB	3,943,079	03/09/76	Hamed			
	BC	3,954,555	05/04/76	Kole			
	BD	3,956,541	05/11/76	Pringle			
	BE	4,012,348	03/15/77	Chelland et al.			
	BF	4,016,232	04/05/77	Pringle			
	BG	4,016,233	04/05/77	Pringle			
	BH	4,018,722	04/19/77	Baker			
	BI	4,029,831	06/14/77	Daunheimer			
	BJ	4,045,503	08/30/77	Smith			
	BK	4,056,591	11/01/77	Goettler et al.			
	BL	4,071,479	01/31/78	Broyde et al.			
	BM	4,071,494	01/31/78	Gaylord			
	BN	4,097,648	06/27/78	Pringle			
FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES NO			
	BO	2 104 903	03/16/83	Great Britain	X		
	BP	0 586 211	03/09/94	Europe	X		
	BQ	2 186 655	08/19/87	Great Britain	X		
	BR	2 171 953	09/10/86	Great Britain	X		
	BS	2 270 311	12/05/75	France			X
	BT	2 365 019	04/14/78	France			X
	BU	2 445 885	08/01/80	France			X
	BV	2 564 374	11/22/85	France			X
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)							
	BW	"Paraloid® Additives for PVC from Rohm and Haas," Product Update, "Paraloid K400 All-Acrylic Modifier for Cellular Vinyl Products," ©1995 Rohm and Haas Company, Philadelphia, Pa.					
	BX	"Suppliers team to expand foam coex into sheet, profiles," from Technology News, Plastics World, Oct. 1996.					
	BY	John R. Patterson and James L. Souder, "A More Efficient Processing Aid for Foamed Vinyl," a reprint from <i>Resin Review</i> , Volume XLV, Number 1, pages 1-8.					
	BZ	"Rigid Vinyl Foam Applications," Rohm and Haas.					
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				FILING DATE Herewith		GROUP	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	CA	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	CA	4,102,106	07/25/78	Golder et al.			
	CB	4,107,110	08/15/78	Lachowicz et al.			
	CC	4,145,389	03/20/79	Smith			
	CD	4,157,415	06/05/79	Lindenberg			
	CE	4,168,251	09/18/79	Schinzel et al.			
	CF	4,178,411	12/11/79	Cole et al.			
	CG	4,181,764	01/01/80	Totten			
	CH	4,187,352	02/05/80	Klobbie			
	CI	4,191,798	03/04/80	Schumacher et al.			
	CJ	4,203,876	05/20/80	Dereppe et al.			
	CK	4,228,116	10/14/80	Colombo et al.			
	CL	4,239,679	12/16/80	Rolls et al.			
	CM	4,241,133	12/23/80	Lund et al.			
	CN	4,244,903	01/13/81	Schnause			
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES                  NO		
	CO	2 042 176	04/22/71	Germany			X
	CP	23 44 101	03/06/75	Germany			X
	CQ	58-179242	10/20/83	Japan			X
	CR	60-82319	05/10/85	Japan			X
	CS	63-139946	06/11/88	Japan			X
	CT	2-3280512	02/02/90	Japan			X
	CU	1 443 194	07/21/76	Germany	X		
	CV						
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)							
	CW	"SAFOAM® AP-40 Chemical Nucleating and Blowing Agent," Reedy International Corporation, Specification Sheet					
	CX	"Measuring Performance Improvements with SAFOAM® in Foam Extrusion Applications," Reedy International Corporation					
	CY	"Celogen Foaming Agents, CELOGEN® AZRV" Product Information from Uniroyal Chemical					
	CZ	Laurent M. Matuana et al., "Processing and Cell Morphology Relationships for Microcellular Foamed PVC/Wood-Fiber Composites," Polymer Engineering and Science, Jul. 1997, vol. 37, No. 7, pp. 1137-1147.					
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## LIST OF REFERENCES CITED BY APPLICANT

APPLICANT

STUCKY David et al.

FILING DATE  
Herewith

GROUP

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	DA	4,248,743	02/03/81	Goettler			
	DB	4,250,222	02/10/81	Mavel et al.			
	DC	4,263,184	04/21/81	Leo et al.			
	DD	4,263,196	04/21/81	Schumacher et al.			
	DE	4,272,577	06/09/81	Lyng			
	DF	4,273,688	06/16/81	Porzel et al.			
	DG	4,303,019	12/01/81	Haataja et al.			
	DH	4,305,901	12/15/81	Prince et al.			
	DI	4,317,765	03/02/82	Gaylord			
	DJ	4,323,625	04/06/82	Coran et al.			
	DK	4,376,144	03/08/83	Goettler			
	DL	4,382,758	05/10/83	Nopper et al.			
	DM	4,414,267	11/08/83	Coran et al.			
	DN	4,420,351	12/13/83	Lussi et al.			

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES NO	
	DO					
	DP					
	DQ					
	DR					
	DS					
	DT					
	DU					
	DV					

## OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)

	DW	Laurent M. Matuana et al., "Effect of Cell Morphology on the Properties of Microcellular Foamed PCV/Wood-Fiber Composites," Cellular and Microcellular Materials, MD-Vol. 76, ASME 1996, pp. 1-16.
	DX	
	DY	
	DZ	

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE	
	EA	4,430,468	02/07/84	Schumacher				
	EB	2,635,976	04/21/53	Meiler et al.				
	EC	2,680,102	06/01/54	Becher et al.				
	ED	2,789,903	04/23/57	Lukman et al.				
	EE	2,926,729	03/01/60	Zanini				
	EF	3,147,518	09/08/64	Horgan				
	EG	3,308,218	03/07/67	Wiegand et al.				
	EH	3,309,444	03/14/67	Schueler				
	EI	3,349,538	10/31/67	Crossman				
	EJ	3,492,388	01/27/70	Inglin-Knösel				
	EK	3,493,527	02/03/70	Schueler				
	EL	3,671,615	06/20/72	Price				
	EM	3,844,084	10/29/74	Hubbard et al.				
	EN	3,899,559	08/12/75	Johnanson et al.				
<b>FOREIGN PATENT DOCUMENTS</b>								
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES NO			
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	EP							
	EQ							
	ER							
	ES							
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	EU							
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<b>OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)</b>								
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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE	
	FA	3,904,726	09/09/75	Jacquelin et al.			
	FB	3,931,384	01/06/76	Forquer et al.			
	FC	3,956,555	05/11/76	McKean			
	FD	3,969,459	07/13/76	Fremont et al.			
	FE	4,005,162	01/25/77	Bucking			
	FF	4,033,913	07/05/77	Sundén			
	FG	4,058,580	11/15/77	Flanders			
	FH	4,115,497	09/19/78	Halmø et al.			
	FI	4,248,820	02/03/81	Haataja			
	FJ	4,277,428	07/07/81	Luck et al.			
	FK	4,281,039	07/28/81	Miura et al.			
	FL	4,426,470	01/17/84	Wessling et al.			
	FM	4,440,708	04/03/84	Haataja et al.			
	FN	4,506,037	03/19/85	Suzuki et al.			
<b>FOREIGN PATENT DOCUMENTS</b>							
	DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES NO			
	FO						
	FP						
	FQ						
	FR						
	FS						
	FT						
	FU						
	FV						
<b>OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)</b>							
	FW						
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LIST OF REFERENCES CITED BY APPLICANT				APPLICANT STUCKY David et al.			
				FILING DATE Herewith		GROUP	
<b>U.S. PATENT DOCUMENTS</b>							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE	
	GA	4,455,709	06/26/84	Zanini			
	GB	4,290,988	09/22/81	Nopper et al.			
	GC	4,311,554	01/19/82	Herr			
	GD	4,311,621	01/19/82	Nishizawa et al.			
	GE	4,328,136	05/04/82	Blount			
	GF	4,382,108	05/03/83	Carroll et al.			
	GG	4,393,020	07/12/83	Li et al.			
	GH	4,454,091	06/12/84	Chion et al.			
	GI	4,481,701	11/13/84	Hewitt			
	GJ	4,503,115	03/05/85	Hemels et al.			
	GK	4,508,595	04/02/85	Gasland			
	GL	4,551,294	11/05/85	Wotka et al.			
	GM	4,562,218	12/31/85	Fornadel et al.			
	GN	4,594,372	06/10/86	Natov et al.			
<b>FOREIGN PATENT DOCUMENTS</b>							
	DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES NO			
	GO						
	GP						
	GQ						
	GR						
	GS						
	GT						
	GU						
	GV						
<b>OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)</b>							
	GW						
	GX						
	GY						
	GZ						
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247860US55CONT

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## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	HA	4,597,928	07/01/86	Terentiev et al.			
	HB	4,610,900	09/09/86	Nishibori			
	HC	4,619,097	10/28/86	Trummer et al.			
	HD	4,645,631	02/24/87	Hegenstaller et al.			
	HE	4,659,754	04/21/87	Edwards et al.			
	HF	4,663,225	05/05/87	Farley et al.			
	HG	4,686,251	08/11/87	Ostermann et al.			
	HH	4,687,793	08/18/87	Motegi et al.			
	HI	4,716,062	12/29/87	Klein			
	HJ	4,734,236	03/29/88	Davis			
	HK	4,737,532	04/12/88	Fujita et al.			
	HL	4,769,109	09/06/88	Tellvik et al.			
	HM	4,769,274	09/06/88	Tellvik et al.			
	HN	4,774,272	09/27/88	Lamphere et al.			

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
	HO					
	HP					
	HQ					
	HR					
	HS					
	HT					
	HU					
	HV					

## OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)

	HW	
	HX	
	HY	
	HZ	

Examiner

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U.S. PATENT DOCUMENTS							
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	IA	4,790,966	12/13/88	Sandberg et al.			
	IB	4,818,604	04/04/89	Tock			
	IC	4,820,763	04/11/89	Yang			
	ID	2,489,373	11/29/49	Petri			
	IE	4,652,218	03/24/87	Tsutsui et al.			
	IF	4,717,742	01/05/88	Beshay			
	IG	4,783,493	11/08/88	Motegi			
	IH	4,789,604	12/06/88	van der Hoeven			
	II	4,791,020	12/13/88	Kokta			
	IJ	4,801,495	01/31/89	van der Hoeven			
	IK	4,820,749	04/11/89	Beshay			
	IL	4,851,458	07/25/89	Hopperdietzel			
	IM	4,865,778	09/12/89	Davis			
	IN	4,889,673	12/26/89	Takimoto			
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES NO		
	IO						
	IP						
	IQ						
	IR						
	IS						
	IT						
	IU						
	IV						
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)							
	IW						
	IX						
	IY						
	IZ						
Examiner					Dat Considered		
*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

Form PTO 1449 (Modified)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. 247860US55CONT		SERIAL NO. NEW U.S. APPL.	
LIST OF REFERENCES CITED BY APPLICANT				APPLICANT STUCKY David et al.			
FILING DATE Herewith				GROUP			
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE	
JA	4,892,774	01/01/90	Vailance				
JB	4,894,192	01/16/90	Warych				
JC	4,915,764	04/10/90	Miani				
JD	4,927,572	05/22/90	van der Hoeven				
JE	4,927,579	05/22/90	Moore				
JF	4,929,688	05/29/90	Agren et al.				
JG	4,935,182	06/19/90	Ehner et al.				
JH	4,960,548	10/02/90	Ikeda et al.				
JI	4,968,463	11/06/90	Levasseur				
JJ	4,973,440	11/27/90	Tamura et al.				
JK	4,978,489	12/18/90	Radvan et al.				
JL	4,978,575	12/18/90	Ziess				
JM	4,988,478	01/29/91	Held				
JN	5,002,713	03/26/91	Palardy et al.				
FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES NO			
JO							
JP							
JQ							
JR							
JS							
JT							
JU							
JV							
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)							
JW							
JX							
JY							
JZ							
Examiner				Date Considered			
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LIST OF REFERENCES CITED BY APPLICANT				APPLICANT STUCKY David et al.			
				FILING DATE Herewith		GROUP	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE	
	KA	5,008,310	04/16/91 Beshay				
	KB	5,009,586	04/23/91 Pallmann				
	KC	5,021,490	06/04/91 Vyvoda et al.				
	KD	5,049,334	09/17/91 Bach				
	KE	5,057,167	10/15/91 Gersbeck				
	KF	5,064,592	11/12/91 Ueda et al.				
	KG	5,075,057	12/24/91 Hoedl				
	KH	5,078,937	01/07/92 Eela				
	KI	5,082,605	01/21/92 Brooks et al.				
	KJ	5,087,400	02/11/92 Theuveny				
	KK	5,088,910	02/18/92 Goforth et al.				
	KL	5,093,058	03/03/92 Harmon et al.				
	KM	5,096,046	03/17/92 Goforth et al.				
	KN	5,096,406	03/17/92 Brooks et al.				
FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES NO			
	KO						
	KP						
	KQ						
	KR						
	KS						
	KT						
	KU						
	KV						
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)							
	KW						
	KX						
	KY						
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Examiner				Date Consider d			
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LIST OF REFERENCES CITED BY APPLICANT				APPLICANT STUCKY David et al.			
				FILING DATE Herewith		GROUP	
<b>U.S. PATENT DOCUMENTS</b>							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE	
	LA	5,120,776	06/09/92	Raj et al.			
	LB	5,153,241	10/06/92	Beshay			
	LC	5,164,267	11/17/92	D'Heur et al.			
	LD	5,194,461	03/16/93	Bergquist et al.			
	LE	5,272,000	12/21/93	Chenoweth et al.			
	LF	5,276,082	01/04/94	Forry et al.			
	LG	5,288,772	02/22/94	Hon			
	LH	5,302,634	04/12/94	Mushovic			
	LI	5,369,147	11/29/94	Mushovic			
	LJ	5,406,768	04/18/95	Giuseppe et al.			
	LK	5,474,722	12/12/95	Woodhams			
	LL	5,480,602	01/02/96	Nagaich			
	LM	5,486,553	01/23/96	Deaner et al.			
	LN	5,508,103	04/16/96	Cope			
<b>FOREIGN PATENT DOCUMENTS</b>							
	DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES NO			
	LO						
	LP						
	LQ						
	LR						
	LS						
	LT						
	LU						
	LV						
<b>OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)</b>							
	LW						
	LX						
	LY						
	LZ						
Examiner				Date Considered			
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## LIST OF REFERENCES CITED BY APPLICANT

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STUCKY David et al.

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Herewith

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## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	MA	5,532,065	07/02/96	Gübitz et al.			
	MB	5,576,374	11/19/96	Betso et al.			
	MC	5,593,625	01/14/97	Riebel et al.			
	MD	5,635,125	06/03/97	Temes et al.			
	ME	5,654,091	08/05/97	Kiriazis et al.			
	MF	4,273,688	06/16/81	Porzel et al.			
	MG	4,303,019	12/01/81	Haataja et al.			
	MH	4,305,901	12/15/81	Prince et al.			
	MI	4,317,765	03/02/82	Gaylord			
	MJ	4,323,625	04/06/82	Coran et al.			
	MK	4,376,144	03/08/83	Goettler			
	ML	4,382,758	05/10/83	Nopper et al.			
	MM	4,414,267	11/08/83	Coran et al.			
	MN	4,420,351	12/13/83	Lussi et al.			

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
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	MO					
	MP					
	MQ					
	MR					
	MS					
	MT					
	MU					
	MV					

## OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)

	MW	
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	MY	
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## LIST OF REFERENCES CITED BY APPLICANT

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Herewith

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## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	NA	5,102,922	04/92	Kimura et al.			
	NB	3,983,295	09/28/76	Murer et al.			
	NC	5,461,839	10/31/95	Beck			
	ND	5,391,585	02/21/95	Grohman			
	NE	5,486,553	01/23/96	Deaner et al.			
	NF	5,088,910	02/18/92	Goforth et al.			
	NG	5,332,602	07/26/94	Barré et al.			
	NH	5,406,768	04/18/95	Giuseppe et al.			
	NI	4,505,869	03/19/85	Nishibori			
	NJ	4,480,061	10/30/84	Coughlin et al.			
	NK	3,888,810	06/10/75	Shinomura			
	NL	5,565,056	10/15/96	Lause et al.			
	NM	5,506,031	04/09/96	Spain et al.			
	NN	5,441,816	08/15/95	Grohman			

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
	NO					
	NP					
	NQ					
	NR					
	NS					
	NT					
	NU					
	NV					

## OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)

	NW	
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## LIST OF REFERENCES CITED BY APPLICANT

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## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	OA	5,271,699	12/21/93	Barré et al.			
	OB	5,224,318	07/06/93	Kemerer			
	OC	5,422,399	06/06/95	Cozens et al.			
	OD	5,087,669	02/11/92	Prejean			
	OE	5,346,954	09/13/94	Wu et al.			
	OF	5,516,472	05/14/96	Laver			
	OG	5,497,594	03/12/96	Giuseppe et al.			
	OH	5,585,155	12/17/96	Heikkila et al.			
	OI	5,441,801	08/15/95	Deaner et al.			
	OJ	5,539,027	07/23/96	Deaner et al.			
	OK	5,439,749	08/08/95	Klasell et al.			
	OL	5,518,677	05/21/96	Deaner et al.			
	OM	5,997,784	12/07/99	Kamoski			
	ON	4,187,352	02/80/83	Klobbie			

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES NO	
	OO					
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## LIST OF REFERENCES CITED BY APPLICANT

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STUCKY David et al.

FILING DATE  
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## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	PA	3,764,642	10/09/73	Boutillier			
	PB	3,879,505	04/22/75	Boutillier et al.			
	PC	3,903,023	09/02/75	Boutillier et al.			
	PD	3,937,777	02/10/76	Wienand et al.			
	PE	3,978,632	09/07/76	Ansted			
	PF	4,028,449	06/07/77	Kakitani et al.			
	PG	4,031,045	06/21/77	Goswami			
	PH	4,234,641	11/18/80	Thompson et al.			
	PI	4,473,665	09/25/84	Martini-Vvedensky et al.			
	PJ	4,510,201	04/09/85	Takeuchi et al.			
	PK	4,948,655	08/14/90	Danese			
	PL	4,956,234	09/11/90	Morales			
	PM	5,102,922	04/07/92	Kimura et al.			
	PN	5,245,141	09/14/93	Fortez et al.			

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES NO	
	PO					
	PP					
	PQ					
	PR					
	PS					
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## OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)

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Form PTO 1449  
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ATTY DOCKET NO.

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LIST OF REFERENCES CITED BY APPLICANT

APPLICANT

STUCKY David et al.

FILING DATE

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GROUP

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	QA	5,300,533	04/05/94	Dahl et al.			
	QB	5,334,622	08/02/94	Bergvist			
	QC	5,363,611	11/15/94	Richardson et al.			
	QD	5,406,768	04/18/95	Giuseppe et al.			
	QE	5,539,027	07/23/96	Deaner et al.			
	QF	5,847,016	12/08/98	Cope			
	QG	6,054,207	04/25/00	Finley			
	QH	4,929,409	05/29/90	Agren et al.			
	QI	5,075,359	12/24/91	Hoedl			
	QJ						
	QK						
	QL						
	QM						
	QN						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES	NO
	QO					
	QP					
	QQ					
	QR					
	QS					
	QT					
	QU					
	QV					

## OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)

	QW	
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	QY	
	QZ	

Examiner

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Form PTO 1449 (Modified)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. 247860US55CONT		SERIAL NO. NEW U.S. APPL.	
LIST OF REFERENCES CITED BY APPLICANT				APPLICANT David J. STUCKY, et al.			
				FILING DATE HEREWITH		GROUP 1732	
<b>U.S. PATENT DOCUMENTS</b>							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AA	5,497,594	3/12/96	GIUSEPPE, et al.			
	AB	4,185,416	1/29/80	WILMES			
	AC	4,726,147	2/23/88	BESKE, et al.			
	AD	4,237,664	12/9/80	WILMES			
	AE	4,693,043	9/15/87	KNAPP			
	AF	4,566,831	1/28/86	GROTH			
	AG	4,528,788	7/16/85	YACKIW, et al.			
	AH	4,154,033	5/15/79	KRUEGER, et al.			
	AI	5,199,234	4/6/93	GUHL			
	AJ	4,976,066	12/11/90	PLUMMER, et al.			
	AK	4,958,469	9/25/90	PLUMMER			
	AL	5,150,983	9/29/92	BOGENHAGEN			
	AM	5,097,629	3/24/92	GUHL, et al.			
	AN	5,092,640	3/3/92	PLUMMER			
<b>FOREIGN PATENT DOCUMENTS</b>							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES NO		
	AO						
	AP						
	AQ						
	AR						
	AS						
	AT						
	AU						
	AV						
<b>OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)</b>							
	AW						
	AX						
	AY						
	AZ					<input checked="" type="checkbox"/> Additional References sheet(s) attached	
Examiner					Date Considered		
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Form PTO 1449 (Modified)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. 247860US55CONT		SERIAL NO. New U.S. APPL.	
LIST OF REFERENCES CITED BY APPLICANT				APPLICANT David J. STUCKY, et al.			
				FILING DATE HERWITH		GROUP	
<b>U.S. PATENT DOCUMENTS</b>							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AA	5,086,601	2/11/92	GALOWITZ, et al.			
	AB	5,010,708	4/30/91	EVANS, et al.			
	AC	4,999,950	3/19/91	BESKE, et al.			
	AD	4,780,998	11/1/88	KNAPP			
	AE	5,548,698	8/20/96	SMITH, et al.			
	AF	5,205,102	4/27/93	PLUMMER			
	AG	5,217,264	6/8/93	FIER			
	AH	5,301,467	4/12/94	SCHMIDT, et al.			
	AI	5,243,783	9/14/93	SCHMIDT, et al.			
	AJ	5,435,866	7/25/95	PUPPIN			
	AK	5,406,768	4/18/95	GIUSEPPE, et al.			
	AL	5,355,644	10/18/94	GUHL, et al.			
	AM	5,332,204	7/26/94	PUPPIN			
	AN	5,554,450	8/13/96	SCHMIDT, et al.			
<b>FOREIGN PATENT DOCUMENTS</b>							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES                      NO		
	AO						
	AP						
	AQ						
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<b>OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)</b>							
	AW						
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	AZ					<input type="checkbox"/> Additional References sheet(s) attached	
Examiner					Date Considered		
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LIST OF REFERENCES CITED BY APPLICANT				APPLICANT David J. STUCKY, et al.			
				FILING DATE HEREWITH		GROUP	
<b>U.S. PATENT DOCUMENTS</b>							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AA	5,491,940	2/20/96	BRUCHU			
	AB	5,486,553	1/23/96	DEANER, et al.			
	AC	5,467,564	11/21/95	DeKYSER, et al.			
	AD	5,441,801	8/15/95	DEANER, et al.			
	AE	5,439,749	8/8/95	KLASELL, et al.			
	AF	5,205,074	4/27/93	GUHL, et al.			
	AG	5,981,067	11/9/99	SEETHAMRAJU, et al.			
	AH	5,566,507	10/22/96	SCHMIDT, et al.			
	AI	5,585,155	12/17/96	HEIKKILA, et al.			
	AJ	5,584,016	12/10/96	VARGHESE, et al.			
	AK	5,582,445	12/10/96	OLSEN, et al.			
	AL	5,570,292	10/29/96	ABRAHAM, et al.			
	AM	5,773,138	6/30/98	SEETHAMRAJU, et al.			
	AN	5,740,632	4/21/98	PETERSON, et al.			
<b>FOREIGN PATENT DOCUMENTS</b>							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES NO		
	AO						
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<b>OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)</b>							
	AW						
	AX						
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	AZ					<input type="checkbox"/> Additional References sheet(s) attached	
Examiner					Date Considered		
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LIST OF REFERENCES CITED BY APPLICANT				APPLICANT David J. STUCKY, et al.			
				FILING DATE HEREWITH		GROUP	
<b>U.S. PATENT DOCUMENTS</b>							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AA	5,695,874	12/9/97	DEANER, et al.			
	AB	5,687,533	11/18/97	BRUCHU			
	AC	5,687,519	11/18/97	BRUCHU			
	AD	5,682,713	11/4/97	WEISS			
	AE	5,666,773	9/16/97	LIBRANDE, et al.			
	AF	5,657,579	8/19/97	BRUCHU, et al.			
	AG	5,623,784	4/29/97	KUERSTEN, et al.			
	AH	5,622,017	4/22/97	LYNN, et al.			
	AI	5,603,585	2/18/97	BRUCHU, et al.			
	AJ	5,555,684	9/17/96	GALOWITZ, et al.			
	AK	5,965,874	10/12/99	ASO, et al.			
	AL	5,948,524	9/7/99	SEETHAMRAJU, et al.			
	AM	5,948,505	9/7/99	PUPPIN			
	AN	5,932,334	8/3/99	DEANER, et al.			
<b>FOREIGN PATENT DOCUMENTS</b>							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES NO		
	AO						
	AP						
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<b>OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)</b>							
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Examiner					<input type="checkbox"/> Additional References sheet(s) attached Date Considered		
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Form PTO 1449 (Modified)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. 247860US55CONT		SERIAL NO. NEW U.S. APPL.	
LIST OF REFERENCES CITED BY APPLICANT				APPLICANT David J. STUCKY, et al.			
				FILING DATE HEREWITH		GROUP	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AA	5,902,657	5/11/99	HANSON, et al.			
	AB	5,882,564	3/16/99	PUPPIN			
	AC	5,837,095	11/17/98	BRUCHU, et al.			
	AD	5,822,931	10/20/98	GALOWITZ, et al.			
	AE	5,787,657	8/4/98	LIBRANDE, et al.			
	AF	5,779,384	7/14/98	OLSEN			
	AG	5,775,749	7/7/98	REITHMEYER, et al.			
	AH	5,827,607	10/27/98	DEANER, et al.			
	AI	6,280,667 B1	8/28/01	KOENIG, et al.			
	AJ	5,540,019	7/30/96	BESKE, et al.			
	AK	6,357,197 B1	3/19/02	SERINO, et al.			
	AL	5,948,505	9/7/99	PUPPIN			
	AM	5,932,334	8/3/99	DEANER, et al.			
	AN	5,539,027	7/23/96	DEANER, et al.			
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES NO		
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LIST OF REFERENCES CITED BY APPLICANT				APPLICANT. David J. STUCKY, et al.			
				FILING DATE HEREWITH		GROUP	
<b>U.S. PATENT DOCUMENTS</b>							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AA	5,882,564	3/16/99	PUPPIN			
	AB	6,265,037	7/24/01	GODAVARTI, et al.			
	AC	6,210,792 B1	4/3/01	SEETHAMRAJU, et al.			
	AD	6,122,877	9/26/00	HENDRICKSON, et al.			
	AE	6,112,463	9/5/00	REITHMEYER, et al.			
	AF	6,055,783	5/2/00	GUHL, et al.			
	AG	6,054,207	4/25/00	FINLEY			
	AH	6,015,612	1/18/00	DEANER, et al.			
	AI	6,007,656	12/28/99	HEIKKILA, et al.			
	AJ	6,004,668	12/21/99	DEANER, et al.			
	AK	5,985,429	11/16/99	PLUMMER, et al.			
	AL	5,981,067	11/9/99	SEETHAMRAJU, et al.			
	AM	5,965,874	10/12/99	ASO, et al.			
	AN	5,518,677	5/21/96	DEANER, et al.			
<b>FOREIGN PATENT DOCUMENTS</b>							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES NO		
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LIST OF REFERENCES CITED BY APPLICANT				APPLICANT David J. STUCKY, et al.			
				FILING DATE HEREWITH		GROUP	
<b>U.S. PATENT DOCUMENTS</b>							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AA	5,948,524	9/7/99	SEETHAMRAJU, et al.			
	AB	5,837,095	11/17/98	BRUCHU, et al.			
	AC	6,342,172 B1	1/29/02	FINLEY			
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247860US55CONTSERIAL NO.  
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## LIST OF REFERENCES CITED BY APPLICANT

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David J. STUCKY, et al.FILING DATE  
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## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
	AA	5,082,605	1/92	Brooks, et al.			
	AB	5,088,910	2/92	Goforth, et al.			
	AC	5,406,768	4/95	Giuseppe, et al.			
	AD	5,847,016	12/98	Cope			
	AE						
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## FOREIGN PATENT DOCUMENTS

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